

BEFORE
THE PUBLIC SERVICE COMMISSION OF
SOUTH CAROLINA
DOCKET NO. 2017-292-WS

Blue Granite Water Company
Compliance Filing
Capital Improvements Report
September 27, 2019 – March 30, 2020

On May 30, 2018, the South Carolina Public Service Commission (the “Commission” or “PSC”) approved Blue Granite Water Company’s (“BGWC” or the “Company”), formerly known as Carolina Water Service, Inc., request for an increase in general rates and charges for its water and sewer services. As part of its Order, the PSC provided that:

“The Company shall also submit a separate report no less than semiannually reporting on all capital improvements made during the period to enhance customer service and to explain the cost of such capital improvements.”

The following report provides the Commission with an update on all major capital improvements currently in progress during the reporting period.

The reporting period for this report is September 28, 2019 – March 30, 2020.

****The below tables reflect projects that have been planned or are in progress. However, Blue Granite is closely reevaluating its deployment of these projects based upon the limited revenues and restricted ability to attract capital resulting from the Commission’s recent decision in Docket No. 2019-290-WS.****

Blue Granite Water Company – South Carolina
Capital Improvement Projects Update
Water System Improvements

Description	Location	Engineer / Contractor	Cost	Cost Details	Status	Progress & Goal
Carowood Well System Improvements	York County, SC	GMC/Dupree	\$25,000	Replace soda ash with caustic feed to improve pH levels.	Construction 100%	Improvements completed in December 2019.
		BGWC				
Oakland Water Tank Rehabilitation	Sumter, SC	Dupree/GMC	\$204,000	Rehabilitate and repaint elevated storage tank and containment of lead paint.	Construction 100%	Completed project Fall of 2019.
		Suburban Contractors				
Lake Wylie AMI Metering	Lake Wylie, SC	Dupree	\$1,800,000	Replacing all 5,000+ residential meters in the Lake Wylie water system with Neptune Water Meters.	Construction 100%	Completed end of 2019.
		Core & Main				
		Tri-county Utilities				
		Carolina Tap and Bore				
Lake Wylie Water System to Charlotte Water Interconnection	Lake Wylie, SC	GMC/Dupree	\$836,000	Install water meter, backflow device, and pressure reducing valve for bulk water supply connection to Lake Wylie water system from City of Charlotte water system to increase system capacity.	Construction 100%	Completed and in operation 10-2-2019.
		State Utilities				
Hunter's Glenn New Well	Aiken, SC	GMC/Dupree	\$262,000	Drilling new well because of extremely high cost of connection and City of Aiken only allowing emergency connection.	Design 100%	Complete design. Drill new well in Spring 2020.
		TBD				
Lake Wylie Waterline Improvements	Lake Wylie, SC	GMC	\$1,915,350	Adding 12" waterline extension from Charlotte Interconnection along Charlotte Hwy.	Design 60%	Design to be finalized and bid in Summer 2020.
		TBD				
I-20 AMI Metering	Lexington, SC	Core and Main	\$800,000	Replacing 2,000+ residential meters in the I-20 water system with Neptune Water Meters.	Planning 75%	Bidding in Spring 2020.

Sewer System Improvements

Description	Location	Engineer / Contractor	Cost	Cost Details	Status	Progress & Goal
Lift Station Improvements	Lake Wylie, SC	GMC/Dupree	\$1,517,875	Replace five lift stations at Riverhills.	Permitting	Will bid in Spring 2020.
		TBD				
Lift Station Improvements	Lexington, SC	GMC	\$901,700	Replace one lift station at Harborside Condos, one at Land's End and one at Rollingwood.	Design 90%	Will bid in Spring 2020.
		TBD				
Harborside Condos CCTV, Cleaning, and Repairs	Lexington, SC	GMC/Dupree	\$100,000	Clean, CCTV, and perform field data analysis to create mapping for rehabilitation of sanitary sewer gravity lines as required.	Construction 10%	Continue repairs March 2020.
		TBD				
Roosevelt Gardens Interconnection	Orangeburg, SC	GMC/Dupree	\$850,000	Construct interconnection for Roosevelt WWCS to Orangeburg DPU and decommission WWTP.	Design 0%	Complete connection agreement with ODPUs.
		TBD				
Palmetto Estates CCTV, Cleaning, and Repairs	Beaufort, SC	GMC/Dupree	\$130,000	Clean, CCTV, and perform field data analysis to create mapping for rehabilitation of sanitary sewer gravity lines as required.	Construction 100%	Improvements completed in Fall 2019.
		Stokes Plumbing				
Fairwood/Oakland/Pocalla WWCS GIS	Union and Sumter, SC	GMC/Dupree	\$12,000	Gather WWCS data and input into GIS.	Engineering 100%	Continue survey and GIS input.
		Stokes Plumbing				
Fairwood/Oakland/Pocalla WWCS Improvements	Union and Sumter, SC	GMC/Dupree	\$900,000	Clean, CCTV, and perform field data analysis to create mapping for rehabilitation of sanitary sewer gravity lines as required.	Construction 100%	Improvements completed December 2019
		Clearwater				
Fairwood WWTP Chlorine Contact Chamber	Union, SC	Premier Water	\$5,413	Install new chlorine contact chamber.	Construction 100%	Construction completed November 2019.

Description	Location	Engineer / Contractor	Cost	Cost Details	Status	Progress & Goal
Friarsgate Sewer Interconnection	Irmo, SC	GMC/Dupree	\$4,616,000	Install sewer lift station and connect existing WWTP sewer discharge line to the City of Columbia sewer system for treatment. Decommission existing Friarsgate WWTP.	Construction 100%	Primary lift station completed, and flow being directed to Columbia WWTP as of April 1, 2019. EQ lift station completed in June 2019 and WWTP decommissioning completed Fall 2019.
		Harper General Contractors				
West Georgia Road Force Main Relocation – Phase One	Piedmont, SC	Dupree/Hopkins	\$100,000	Relocate force main to proposed SCDOT bridge due to West Georgia Road widening.	Construction 80%	Begin construction Spring 2020.
		TBD				
Oakland Plantation WWTP Improvements	Sumter, SC	GMC/Dupree	\$1,932,400	Replace existing clarifier and perform aeration basin improvements.	Design 70%	Construct new clarifier and perform aeration basin improvements in 2020.
		TBD				
Friarsgate WWCS Improvements - 2019	Irmo, SC	GMC	\$565,000	Clean, CCTV, and rehabilitate sanitary sewer gravity lines as a part of an annual rehabilitation program for the Friarsgate WWCS.	Construction 100%	Completed Fall 2019.
		Stokes Plumbing				
Friarsgate WWCS Improvements – 2020	Irmo, SC	GMC	\$600,000	Clean, CCTV, and rehabilitate sanitary sewer gravity lines as a part of an annual rehabilitation program for the Friarsgate WWCS.	Design 100%	Design recommendation complete. Will bid in Spring 2020.
		TBD				
FM and LS Imp – Friarsgate	Irmo, SC	GMC	\$560,000	Perform connections between existing force mains to redirect flows to proposed development lift station	Design 0%	Pending design recommendation.
		TBD				